Claim Amendments

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-16. (Canceled)

Claim 17. (Currently Amended) A low-emission flexible polyurethane slabstock foam produced by the process as claimed in claim ~~1~~ 22.

Claim 18. (Previously Presented) A motor vehicle comprising said low-emission flexible polyurethane slabstock foam as claimed in claim 17.

Claim 19. (Previously Presented) An article of furniture or a mattress comprising said low-emission flexible polyurethane slabstock foam as claimed in claim 17.

Claim 20. (Previously Presented) The low-emission flexible polyurethane slabstock foam as claimed in claim 17 having reduced crack formation.

Claim 21. (Canceled)

Claim 22. (New) A process for producing low-emission flexible polyurethane foams by reacting:

a) a polyisocyanate with

b) a compound having at least two hydrogen atoms which are reactive toward an isocyanate group,

wherein said compound is a polyether alcohol which has been prepared by addition of an alkylene oxide to a compound derived from renewable raw materials selected from the group consisting of castor oil, polyhydroxy fatty acids, ricinoleic acid, hydroxyl-modified oils, grapeseed oil, black caraway oil, pumpkin seed oil, borage seed oil, soybean oil, wheat germ oil, rapeseed oil, sunflower oil, peanut oil, apricot kernel oil, pistachio nut oil, almond oil, olive oil, macadamia nut oil, avocado oil, sea buckthorn oil, sesame oil, hemp oil, hazelnut oil, evening primrose oil, wild rose oil, hemp oil, safflower oil, walnut oil, hydroxyl –modified fatty acids and fatty acid esters myristoleic acid, palmitoleic acid, oleic acid, vaccenic acid, petroselinic acid, gadoleic acid, erucic acid, nervonic acid, linoleic acid, α- and γ-linolenic acid, stearidonic acid, arachidonic acid, timnodonic acid, clupanodonic acid, cervonic acid in the presence of a DMC catalyst, said polyether alcohol having a maximum odor value of 2.0 or less; and wherein the flexible polyurethane foam product has a maximum VOC value of 100 ppm and a maximum FOG value of 200 ppm.

Claim 23. (New) The process as claimed in claim 22, wherein said polyether alcohol has a mean molecular weight M_w in the range from 400 to 10,000 g/mol.

Claim 24. (New) The process as claimed in claim 22, wherein said polyether alcohol has a mean molecular weight M_w in the range from 1000 to 8000 g/mol.

Claim 25. (New) The process as claimed in claim 22, wherein said polyether alcohol has a content of cyclic fatty acid esters of not more than 50 ppm.

Claim 26. (New) The process as claimed in claim 22, wherein said polyether alcohol has a content of cyclic fatty acid esters of not more than 10 ppm.

Claim 27. (New) The process as claimed in claim 22, wherein said low-emission flexible polyurethane foam has a compressive set of not more than 7 %.

Claim 28. (New) The process as claimed in claim 22, wherein said low-emission flexible polyurethane foam has a compressive set, after aging in accordance with DIN EN ISO 2440, of not more than 10 %.

Claim 29. (New) The process as claimed in claim 22, wherein said polyisocyanate is an aliphatic diisocyanate, at least one aromatic diisocyanate or a polyisocyanate modified by incorporation of a urethane, uretdione, isocyanaurate, allophanate, iretonimine or other group therein.

Claim 30. (New) The process as claimed in claim 22, wherein said polyisocyanate is hexamethylene diisocyanate, isophorone diisocyanate, tolylene diisocyanate, diphenylmethane diisocyanate or polymethylenepolyphenylene polyisocyanate.

Claim 31. (New) The process as claimed in claim 22, wherein the polyether alcohol has an odor value of 1.7 or less

Claim 32. (New) The process as claimed in claim 22, wherein the flexible polyurethane foam product has a maximum VOC value of 50 ppm and a maximum FOG value of 100 ppm